

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/578,381

CRF Processing Date: 3/22/2000
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

OIRP 027D #2
 7-10-0

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data Section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 1
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Input Set: I518381.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

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1  <110> APPLICANT: Li, Yi
2      Ruben, Steven M.
3  <120> TITLE OF INVENTION: Human G-Protein Coupled Receptors
4  <130> FILE REFERENCE: 1488.1220002
5  <140> CURRENT APPLICATION NUMBER: US/09/518,381
6  <141> CURRENT FILING DATE: 2000-03-03
7  <150> EARLIER APPLICATION NUMBER: 08/852,824
8  <151> EARLIER FILING DATE: 1997-05-07
9  <160> NUMBER OF SEQ ID NOS: 18
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21 ttaaaaggaa aataccagat gccactctgc aggctgcaat aactactact tactggatac 180
22 attcaaaccc tccagaatca acagttatca ggtaaccaac aagaa atg caa gcc gtc 237
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24                                     1
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Input Set: I518381.RAW

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58  gag ttc ggt cta gtc tgg cat gaa ata gta aat tac atc tgt caa gtc 813
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60          185          190          195
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63          200          205          210
64  aca aaa gaa ctg tac cgg tca tac gta aga acg agg ggt gta ggt aaa 909
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66          215          220          225
67  gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att gct gta 957
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69          230          235          240
70  ttc ttt att tgt ttt gtt cct ttc cat ttt gcc cga att cct tac acc 1005
71  Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg Ile Pro Tyr Thr
72  245          250          255          260
73  ctg agc caa acc cgg gat gtc ttt gac tgc act gct gaa aat act ctg 1053
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84          310          315          320
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88  cca atg taaacaaatt aactaaggaa atatttcaat ctctttgtgt tcagaactcg 1301
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90
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92  tgactctaaa gaaacagaag attacaaaag caattttcat ttacctttcc agtatgaaaa 1421
93  gctatcttaa aatatagaaa actaatctaa actgtagctg tattagcagc aaaacaaacg 1481
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381

DATE: 03/24/2000
TIME: 13:26:55

Input Set: I518381.RAW

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98      acttataaaa atttaagtaa gtgggataca caaagaataa taactattaa cttttcatta 1781
99      ttagccaaaa acctaaggga tttaaactaa ttgaaactgt atttgattgg acttaatttt 1841
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101     gaagtcatta aaataaggag acttactttt atgacattct aatactaaaa aatatagaaa 1961
102     tatttcctta attctagaga aactagtttt actaattttt tacaacttca ataataccat 2021
103     cactgacact tacctttatt aattagcttc tagaaaatag ctgctaatta ggttaatgaa 2081
104     cattttacct tagtgaaaaa aaattaatta aatatgatta caaagttgca cagcataact 2141
105     actgagagga aagtgattga tctgtttgta attacttggt tgtattggtg tgtataaaaa 2201
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117           35             40             45
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119           50             55             60
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121           65             70             75             80
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123           85             90             95
124     Cys Gln Val Thr Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile
125           100            105            110
126     Ser Phe Leu Gly Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg
127           115            120            125
128     Pro Phe Lys Thr Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu
129           130            135            140
130     Ser Val Val Ile Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met
131           145            150            155            160
132     Ile Leu Thr Asn Arg Gln Pro Arg Asp Lys Asn Val Lys Lys Cys Ser
133           165            170            175
134     Phe Leu Lys Ser Glu Phe Gly Leu Val Trp His Glu Ile Val Asn Tyr
135           180            185            190
136     Ile Cys Gln Val Ile Phe Trp Ile Asn Phe Leu Ile Val Ile Val Cys
137           195            200            205
138     Tyr Thr Leu Ile Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg
139           210            215            220
140     Gly Val Gly Lys Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile
141           225            230            235            240
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381

 DATE: 03/24/2000
 TIME: 13:26:55

Input Set: I518381.RAW

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166                                          1
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168      Thr Gly Thr Pro Val Ala Pro Glu Ser Cys Gln Gln Leu Ala Ala Gly
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178          55          60          65
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180      Leu Ala Ala Ile Thr Ser His Met Arg Ser Gln Arg Trp Val Tyr Tyr
181          70          75          80
182      tgc ctg gtg aac att acg atg agt gac ctg ctc acg ggc gcg gcc tac 346
183      Cys Leu Val Asn Ile Thr Met Ser Asp Leu Leu Thr Gly Ala Ala Tyr
184          85          90          95
185      ctg gcc aac gtg ctg ctg tcg ggg gcc cgc acc ttc cgt ctg gcg ccc 394
186      Leu Ala Asn Val Leu Leu Ser Gly Ala Arg Thr Phe Arg Leu Ala Pro
187          100          105          110          115
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189      Ala Gln Trp Phe Leu Arg Lys Gly Leu Leu Phe Thr Ala Leu Ala Ala
190          120          125          130
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192      Ser Thr Phe Ser Leu Leu Phe Thr Ala Gly Leu Arg Phe Ala Thr Met
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381

 DATE: 03/24/2000
 TIME: 13:26:55

Input Set: I518381.RAW

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202	180 185 190 195	
203	ctt ctg ccc ctc tac tcc aag cgc tac atc ctc ttc tgc ctg gtg atc	682
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207	Phe Ala Gly Val Leu Ala Thr Ile Met Gly Leu Tyr Gly Ala Ile Phe	
208	215 220 225	
209	cgc ctg gtg cag gcc agc ggg cag aag gcc cca cgc cca gcg gcc cgc	778
210	Arg Leu Val Gln Ala Ser Gly Gln Lys Ala Pro Arg Pro Ala Ala Arg	
211	230 235 240	
212	cgc aag gcc cgc cgc ctg ctg aag acg gtg ctg atg atc ctg ctg gcc	826
213	Arg Lys Ala Arg Arg Leu Leu Lys Thr Val Leu Met Ile Leu Leu Ala	
214	245 250 255	
215	ttc ttg gtg tgc tgg gga cca ctc ttc ggg ctg ctg ctg gcc gac gtc	874
216	Phe Leu Val Cys Trp Gly Pro Leu Phe Gly Leu Leu Leu Ala Asp Val	
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219	Phe Gly Ser Asn Leu Trp Ala Gln Glu Tyr Leu Arg Gly Met Asp Trp	
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223	295 300 305	
224	tcc ttc cgc agc agg gag gtg tgc aga gcc gtg ctc agc ttc ctc tgc	1018
225	Ser Phe Arg Ser Arg Glu Val Cys Arg Ala Val Leu Ser Phe Leu Cys	
226	310 315 320	
227	tgc ggg tgt ctc cgg ctg ggc atg cga ggg ccc ggg gac tgc ctg gcc	1066
228	Cys Gly Cys Leu Arg Leu Gly Met Arg Gly Pro Gly Asp Cys Leu Ala	
229	325 330 335	
230	cgg gcc gtc gag gct cac tcc gga gct tcc acc acc gac agc tct ctg	1114
231	Arg Ala Val Glu Ala His Ser Gly Ala Ser Thr Thr Asp Ser Ser Leu	
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234	Arg Pro Arg Asp Ser Phe Arg Gly Ser Arg Ser Leu Ser Phe Arg Met	
235	360 365 370	
236	cgg gag ccc ctg tcc agc atc tcc agc gtg cgg agc atc tgaagttgca	1211
237	Arg Glu Pro Leu Ser Ser Ile Ser Ser Val Arg Ser Ile	
238	375 380	
239	gtcttgctgtg tggatggtgc aaccaccggg tgcgtgccag gcaggccctc ctgggggtaca	1271
240	ggaagctgtg tgcacgcaac ctgcacctgt atggggagca gggaacggga caggcccca	1331
241	tggacttgcc cgggtggcctc tcggggcttc tgacgccata tggacttgcc cattgcctat	1391
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243	gtgtgggggc gagtgggttc cccacaaccc cgcttctgtg tgattctggg gaagtcccg	1511
244	ccccctctg ggcctcagta gggctcccag gctgcaaggg gtggactgtg ggatgcatgc	1571

PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/518,381

DATE: 03/24/2000
TIME: 13:26:55

Input Set: I518381.RAW

Line ? Error/Warning

Original Text

90 W Invalid/Missing Amino Acid Numbering

Input Set: I518381.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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12     attcaaacc tccagaatca acagttatca ggtaaccaac aagaa atg caa gcc gtc 237
13                                     Met Gln Ala Val
14                                     1
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16     Asp Asn Leu Thr Ser Ala Pro Gly Asn Thr Ser Leu Cys Thr Arg Asp
17         5          10          15          20
18     tac aaa atc acc cag gtc ctc ttc cca ctg ctc tac act gtc ctg ttt 333
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20             25          30          35
21     ttt gtt gga ctt atc aca aat ggc ctg gcg atg agg att ttc ttt caa 381
22     Phe Val Gly Leu Ile Thr Asn Gly Leu Ala Met Arg Ile Phe Phe Gln
23             40          45          50
24     atc cgg agt aaa tca aac ttt att att ttt ctt aag aac aca gtc att 429
25     Ile Arg Ser Lys Ser Asn Phe Ile Ile Phe Leu Lys Asn Thr Val Ile
26             55          60          65
27     tct gat ctt ctc atg att ctg act ttt cca ttc aaa att ctt agt gat 477
28     Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys Ile Leu Ser Asp
29             70          75          80
30     gcc aaa ctg gga aca gga cca ctg aga act ttt gtg tgt caa gtt acc 525
31     Ala Lys Leu Gly Thr Gly Pro Leu Arg Thr Phe Val Cys Gln Val Thr
32             85          90          95          100
33     tcc gtc ata ttt tat ttc aca atg tat atc agt att tca ttc ctg gga 573
34     Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile Ser Phe Leu Gly
35             105          110          115
36     ctg ata act atc gat cgc tac cag aag acc acc agg cca ttt aaa aca 621
37     Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg Pro Phe Lys Thr
38             120          125          130
39     tcc aac ccc aaa aat ctc ttg ggg gct aag att ctc tct gtt gtc atc 669
40     Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu Ser Val Val Ile
41             135          140          145
42     tgg gca ttc atg ttc tta ctc tct ttg cct aac atg att ctg acc aac 717
43     Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met Ile Leu Thr Asn
44             150          155          160
45     agg cag ccg aga gac aag aat gtg aag aaa tgc tct ttc ctt aaa tca 765
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50					185					190					195		

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381

 DATE: 03/24/2000
 TIME: 13:26:55

Input Set: I518381.RAW

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55      Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg Gly Val Gly Lys
56              215                      220                      225
57      gtc ccc agg aaa aag gtg aac gtc aaa gtt ttc att atc att gct gta      957
58      Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile Ile Ile Ala Val
59              230                      235                      240
60      ttc ttt att tgt ttt gtt cct ttc cat ttt gcc cga att cct tac acc      1005
61      Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg Ile Pro Tyr Thr
62      245                      250                      255                      260
63      ctg agc caa acc cgg gat gtc ttt gac tgc act gct gaa aat act ctg      1053
64      Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala Glu Asn Thr Leu
65              265                      270                      275
66      ttc tat gtg aaa gag agc act ctg tgg tta act tcc tta aat gca tgc      1101
67      Phe Tyr Val Lys Glu Ser Thr Leu Trp Leu Thr Ser Leu Asn Ala Cys
68              280                      285                      290
69      ctg gat ccg ttc atc tat ttt ttc ctt tgc aag tcc ttc aga aat tcc      1149
70      Leu Asp Pro Phe Ile Tyr Phe Phe Leu Cys Lys Ser Phe Arg Asn Ser
71              295                      300                      305
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73      Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr Ser Leu Ser Gln
74      310                      315                      320
75      gac aat agg aaa aaa gaa cag gat ggt ggt gac cca aat gaa gag act      1245
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77      325                      330                      335                      340
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381

DATE: 03/22/2000
TIME: 16:25:21

Input Set: I518381.RAW

This Raw Listing contains the General
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2 Ruben, Steven M.
3 <120> Human G-Protein Coupled Receptors
4 <130> 1488.1220002
5 <140> US/09/518,381
6 <141> 2000-03-03
7 <150> 08/852,824
8 <151> 1997-05-07
9 <160> 18
10 <170> PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

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21 ttaaaaggaa aataccagat gccactctgc aggctgcaat aactactact tactggatac 180
22 attcaaaccc tccagaatca acagttatca ggtaaccaac aagaa atg caa gcc gtc 237
23 Met Gln Ala Val
24 1
25 gac aat ctc acc tct gcg cct ggg aac acc agt ctg tgc acc aga gac 285
26 Asp Asn Leu Thr Ser Ala Pro Gly Asn Thr Ser Leu Cys Thr Arg Asp
27 5 10 15 20
28 tac aaa atc acc cag gtc ctc ttc cca ctg ctc tac act gtc ctg ttt 333
29 Tyr Lys Ile Thr Gln Val Leu Phe Pro Leu Leu Tyr Thr Val Leu Phe
30 25 30 35
31 ttt gtt gga ctt atc aca aat ggc ctg gcg atg agg att ttc ttt caa 381
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36 55 60 65
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/518,381DATE: 03/22/2000
TIME: 16:25:21

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2247

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/518,381

DATE: 03/22/2000
TIME: 16:25:21

Input Set: I518381.RAW

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